



FIG. 1

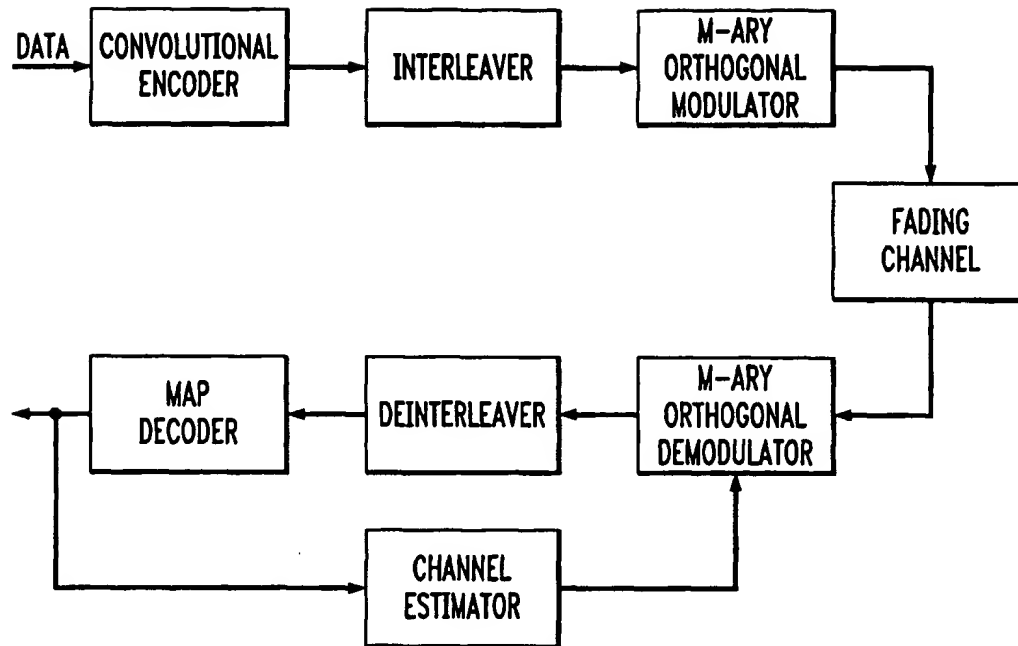


FIG. 2

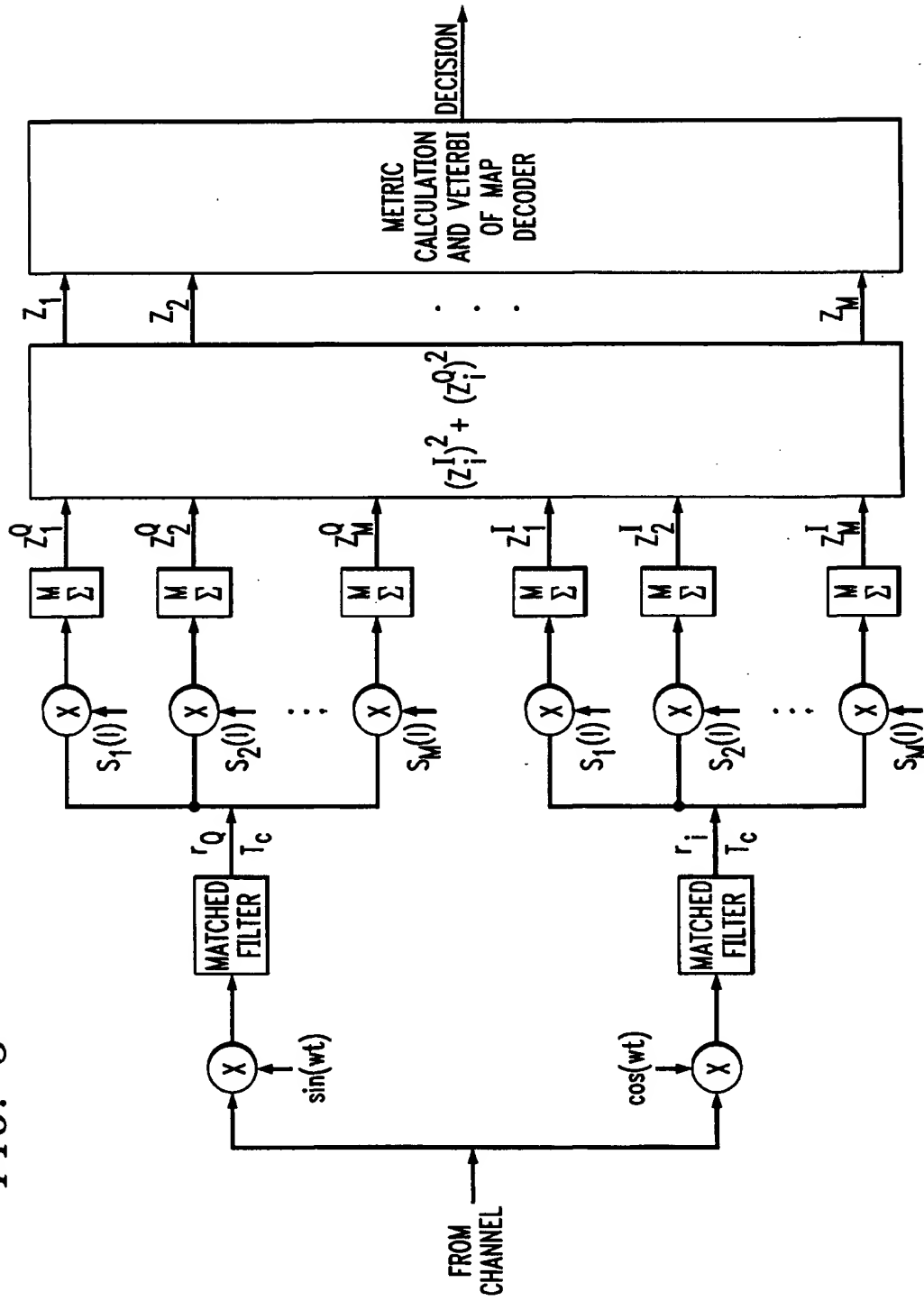
DATA	HADWARD SYMBOL (M=4)
00	++++
01	+--+
10	++--
11	+-+-

TO GENERALIZE FOR $M=2^b$

$$H_M = \begin{bmatrix} H_{M/2} & H_{M/2} \\ H_{M/2} & -H_{M/2} \end{bmatrix}$$

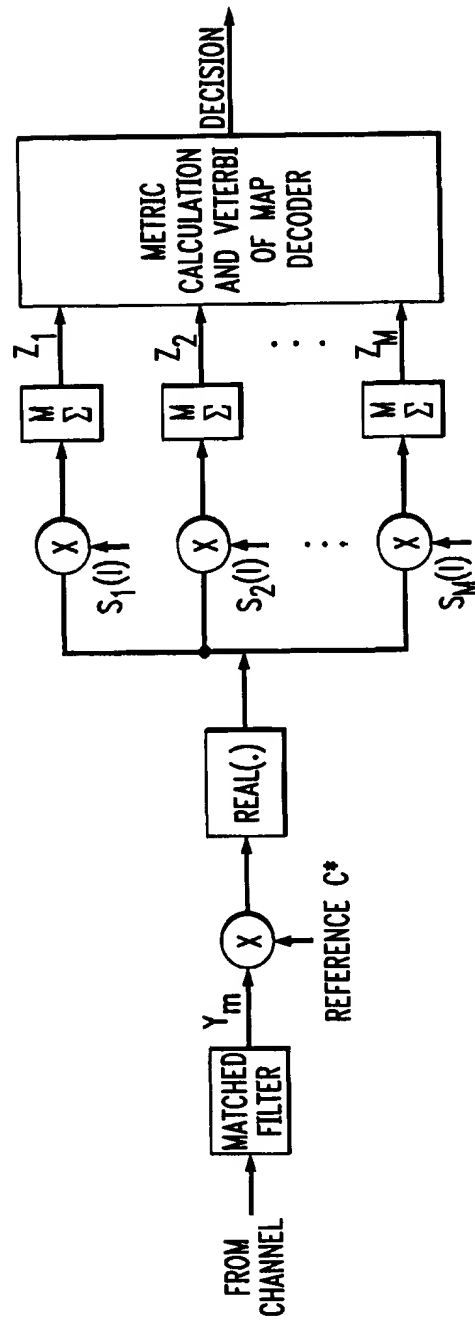
2/11

FIG. 3



3/11

FIG. 4



4/11

FIG. 5

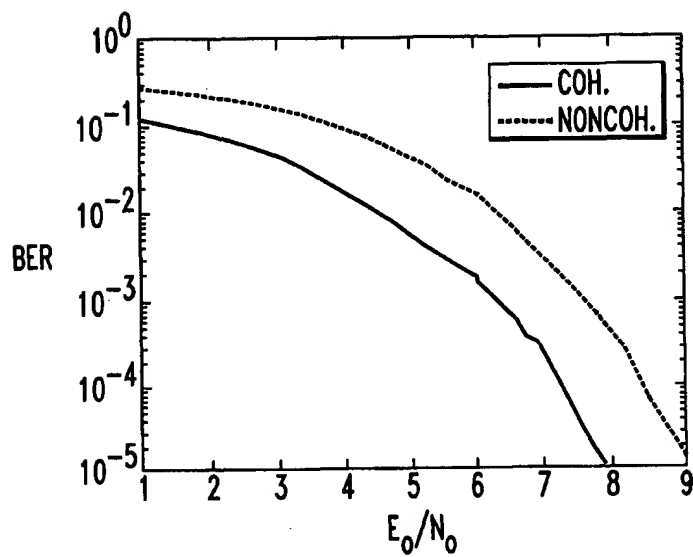
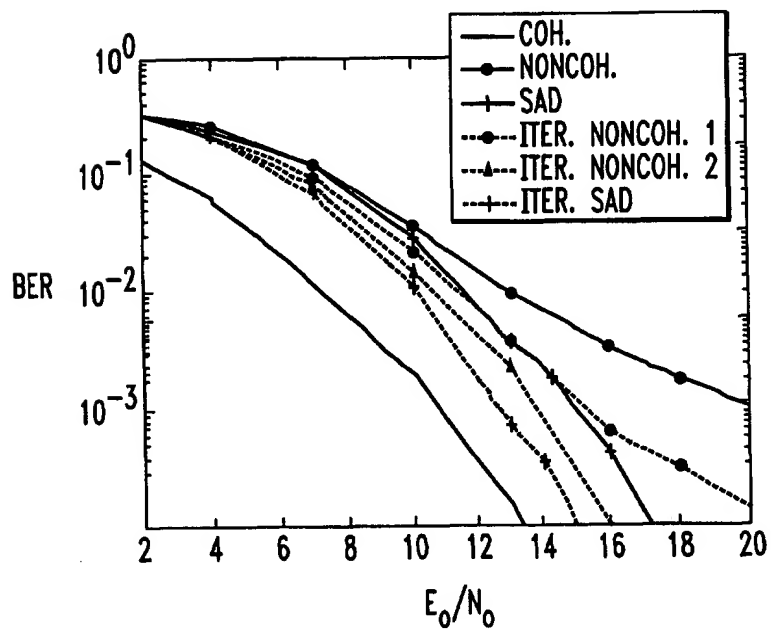


FIG. 6



5/11

FIG. 7

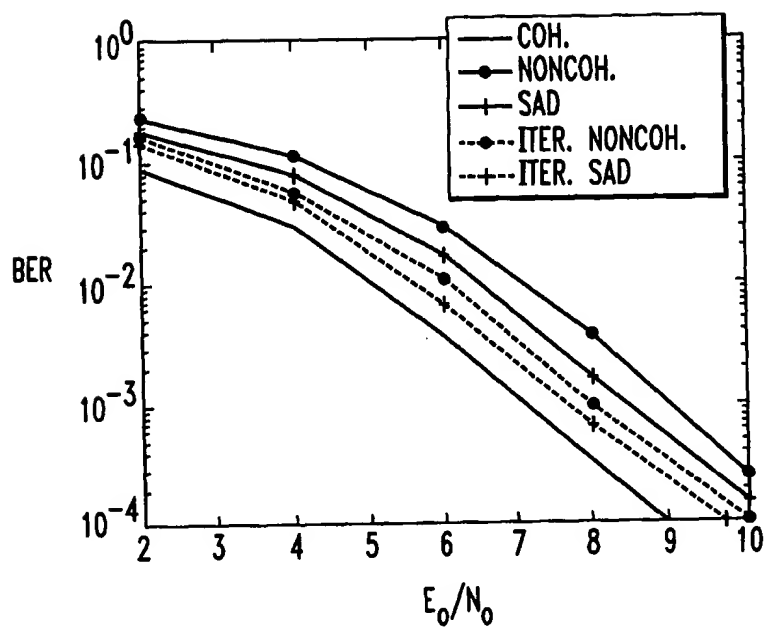
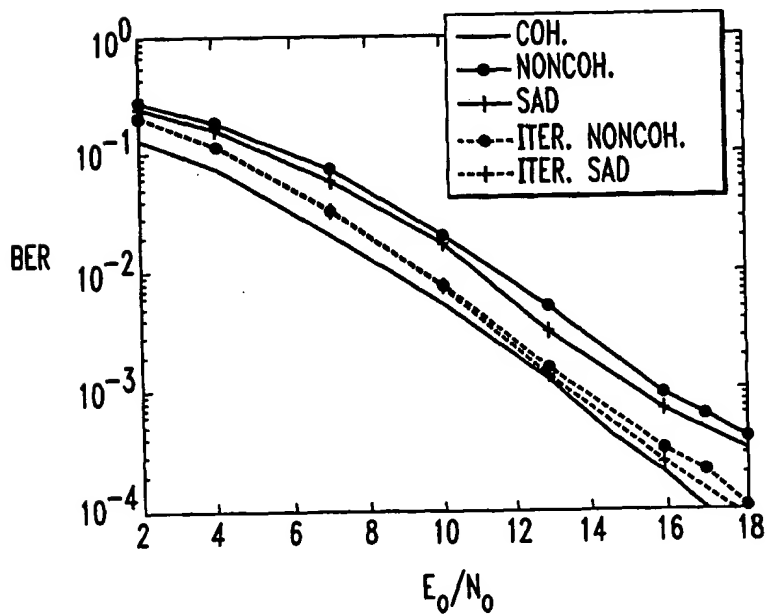


FIG. 8



6/11

FIG. 9

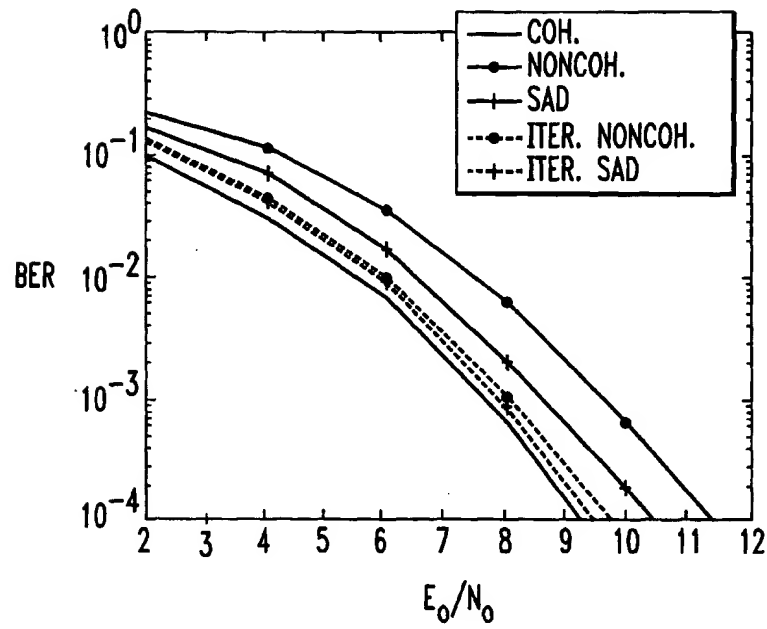
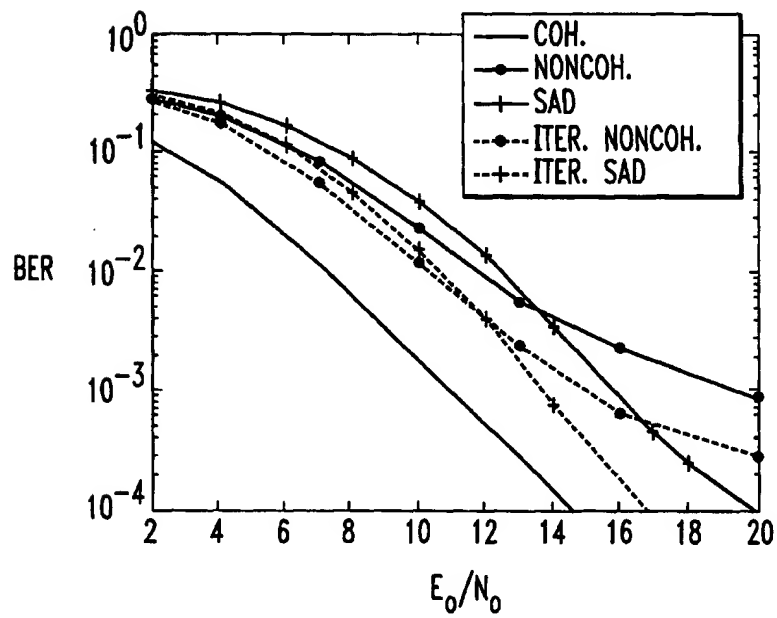


FIG. 10



7/11

FIG. 11

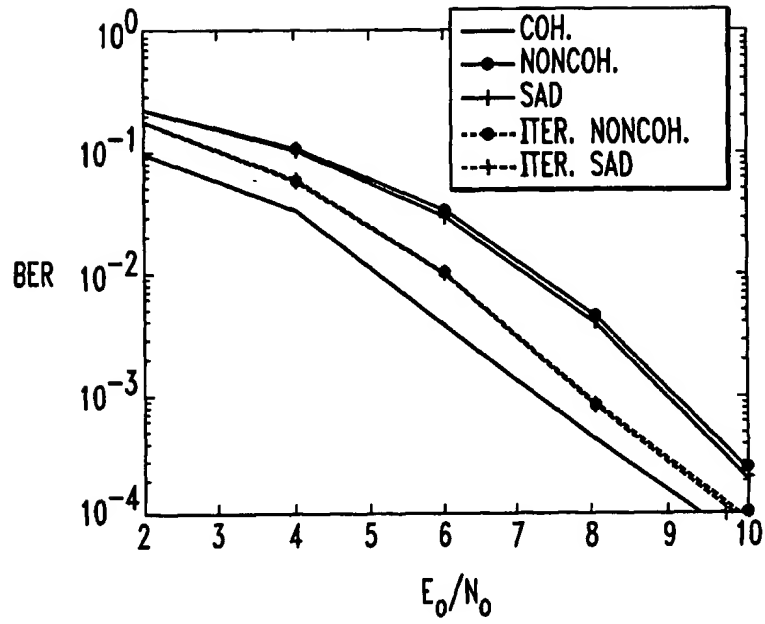
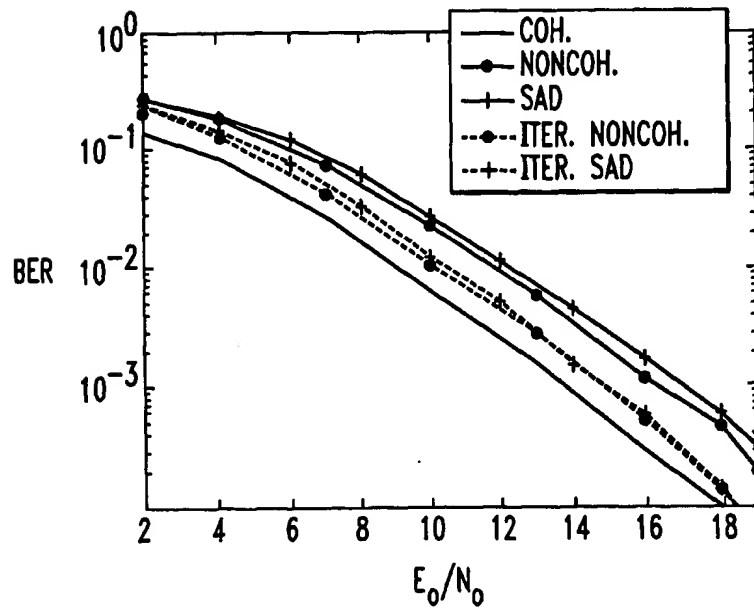
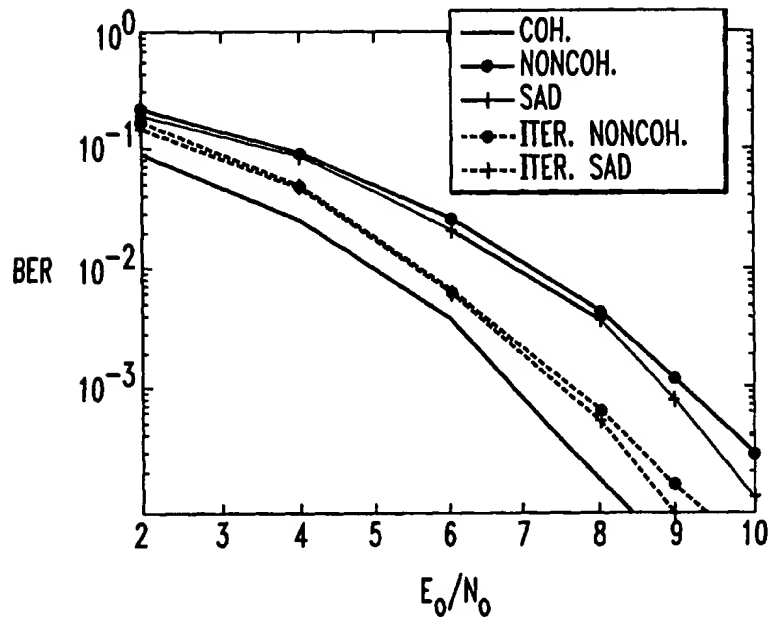


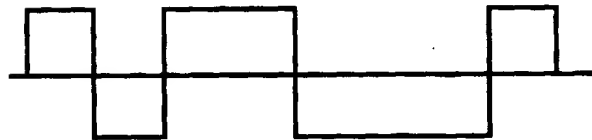
FIG. 12



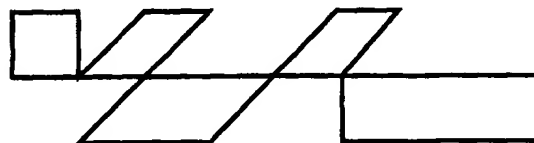
8/11

FIG. 13*FIG. 14*

8 BPSK CHIPS 256 CODEWORDS (MOK)

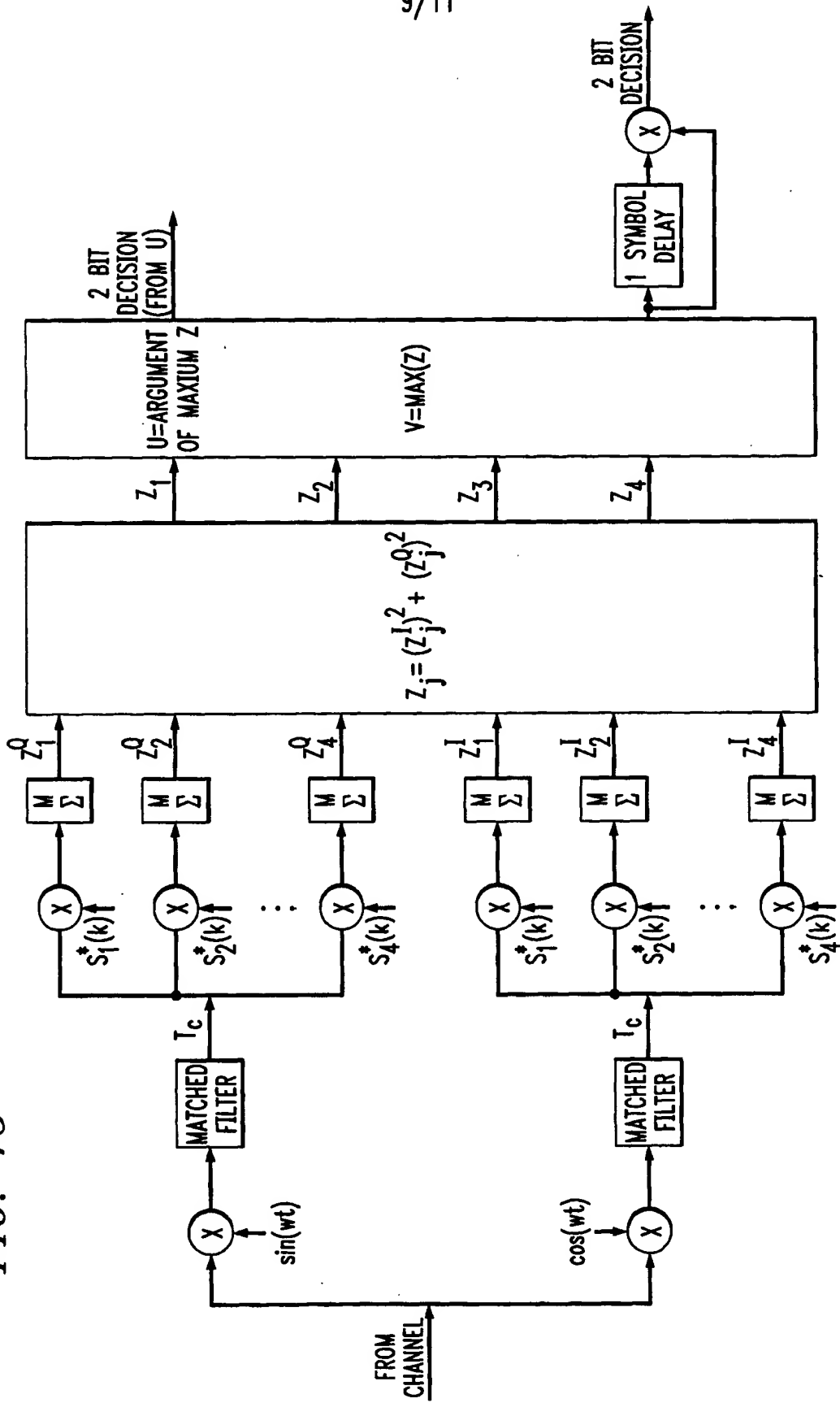


8 QPSK CHIPS 65536 CODEWORDS (CCK)



9/11

FIG. 15



10/11

FIG. 16

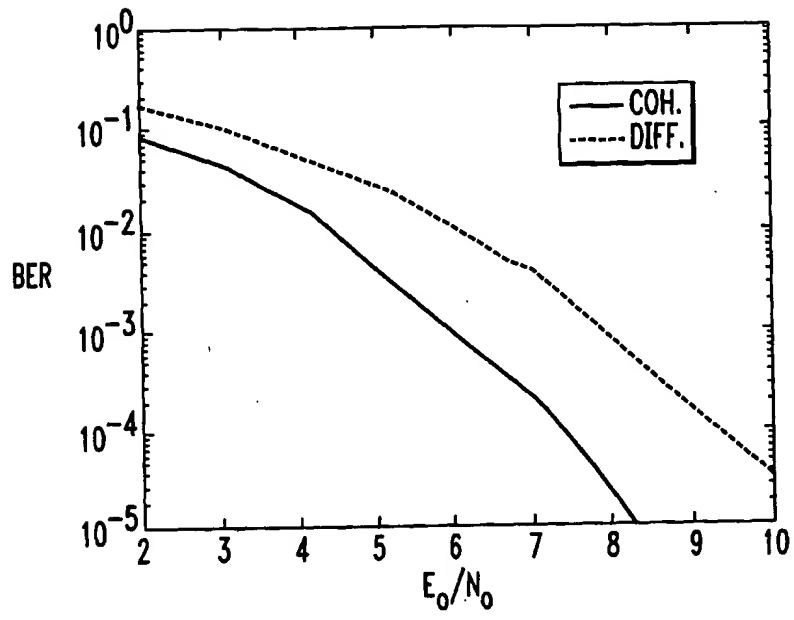
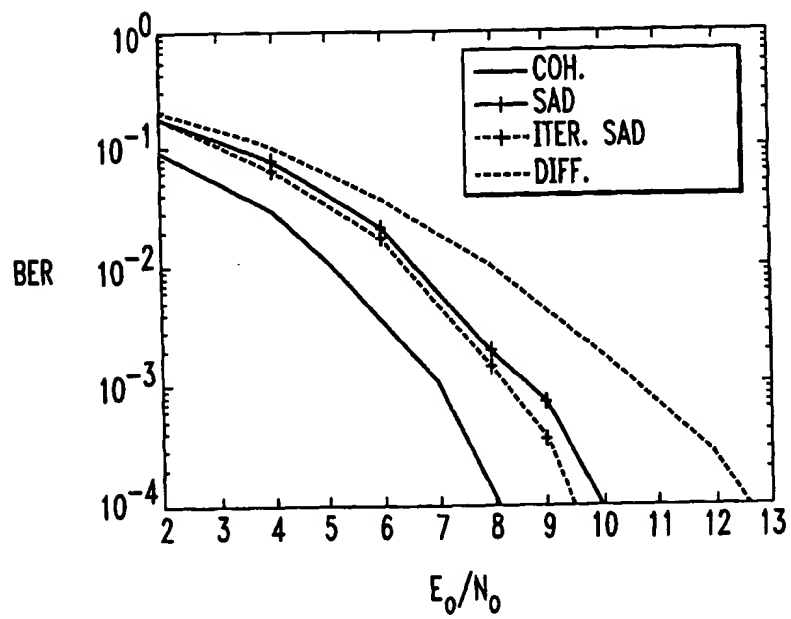
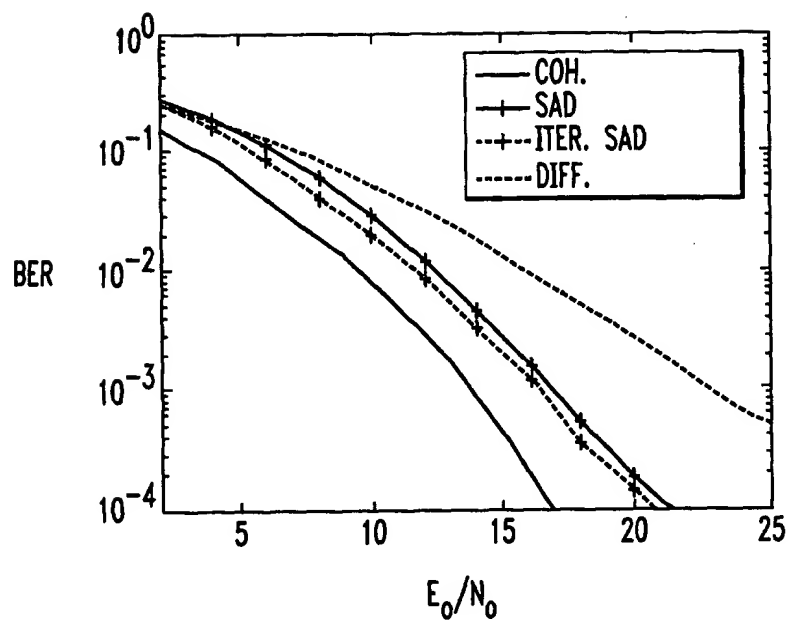


FIG. 17



11/11

FIG. 18*FIG. 19*